Secrtt, II-27—104,000—4-11-49.

DEVELOPMENT (1952) **Department.**

Pan

Ce

Sup

MS **SERIES.**

G.O. NO. MS 3118

Dated 21. 7. 52

[Despatch Abstract.]

Education – Schools – Schools Middle School, Malpe
in S. Kanara Dt – Purchase and Supply of Scientific
apparatus – Expenditure Sanctioned.

Ref.No.9192 C3/52

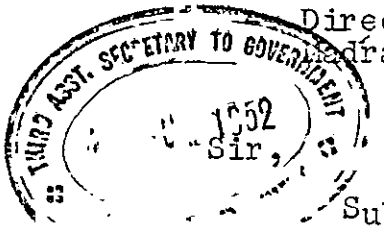
Office of the Director of Fisheries,
Royapettah, Madras d/1-7-52.

From

Sri K.N. Anantaraman, I.C.S.,
Director of Fisheries,
Madras.

To

The Secretary to Government,
Development Department,
Madras.



Sir,

Sub:-Education - Fisheries Middle School -Malpe
Scientific apparatus supply of - sanction requested -

The Fisheries Middle School, Malpe has not been supplied with any Scientific apparatus since its conversion into a Middle School in June 1951. The school was so far managing with the equipments supplied to the former Higher Elementary School. Since the teaching of Science etc., in the Middle School section is of a higher standard than that of the Higher Elementary School, some more equipments are quite necessary. This defect has been pointed out by the District Educational Officer, South Kanara. The Assistant Director, Mangalore has therefore submitted a list of apparatus to be purchased and supplied (copy enclosed) to the school, the cost of which comes to Rs.92/-. I therefore request that an expenditure not exceeding Rs.100/- may kindly be sanctioned for the purchase and supply of the scientific apparatus required for the Malpe Middle School. The expenditure can be met from the current year's budget.

37-52

RA/2.7.

for Director of Fisheries.

Encl: 1 list.

5/7/52

List of the articles of laboratory showing the net cost of each item quantity specified against it, required by the Government Fisheries Middle School, Malpe.

Item	Quantity.	Description.	Cost. Rs.	As.	ps.
1	1 only	G.179 Apparatus to show variation of Pressure in a liquid with depth consists of a cylindrical vessel of Japanned tin with three side holes provided with one holed corks and short tubings-strong make and superior finish. ..	3	12	0
2	2 only	Round bottomed flask, vial mouth, best Indian, capacity 50 c.c.	3	0	0
3.	2 only	Rubber stoppers, two holed, 1" bottom diameter.	1	4	0
4.	2 only	-do- one holed " "	1	2	0
5.	2 only	Gas jars with ground blange and foot, sigcol, best India, height 8" diameter 2" ...	4	8	0
6.	2 only	Glass covers for the above 3" diameter.	0	8	0
7.	1 only	Glass trough, rectangular, 30 x 19 x 7 Cms., Indian.	9	0	0
8.	2 only	Watch glass, hard glass, Sigeol, best Indian 80 m diameter.	2	0	0
9.	2 only	Glass funnels, hard glass, sigcol, best India, diameter 3".	2	8	0
10.	2 only	As-4300 Tongs, crucible, of steel, black oxidized best quality with firm grip, very useful for routine work in the laboratory straight - 6"	1	2	0
11.	1 set.	Mortar and Pestle, wedgewood porcelain, 4" diameter .	6	0	0
12.	1 pkt.	Filter paper, cut circles, 9 c.ms. diameter packet of 100.	1	5	0
13.	2 only	Wire gauze plain 5" x 5" Sq.	2	0	0
14.	2 only	As.4200. Tripod stands, circular top ht. 7", side 4".	2	0	0
15.	2 only	Glass tumblers	1	0	0
16.	1 only	Sillax Porcelain basin, capacity 75 c.c. diameter, 75 mm.	2	0	0
17.	1 only	A funnel for pouring mercury into barometer tube.	0	8	0
18.	1 only	G. 182 Lift pump, all glass, mounted on a polished wooden stand, with Japanned metal trough for holding water.	6	8	0
19.	1 set.	H.I. Ball and ring, Grave sandis, consists of a brass ball 1" diameter, well machined and a ring mounted in a polished wooden handle. The ball will easily pass through the ring unless it is heated. Very useful for demonstrating the effect of heat on bodies.	4	8	0
20.	1 only	Lactometer	2	8	0
21.	½ lbs.	Manganese di-oxide Techn.	0	6	0
22.	½ lb.	Pottassium chlorate (against license)	2	0	0
23.	1 lb.	Roll sulphur	2	0	0
24.	1 bottle	Lime water.	0	12	0
25.	½ lb.	Sulphuric acid, Pure.	1	0	0
26.	½ lb.	Hydrochloric acid, Pure.	1	4	0
27.	½ lb.	Sodium ~~bi~~-carbonate	0	12	0
28.	½ lb.	Sodium bi-carbonate	0	12	0
29.	2 oz.	Yellor Phosphorus	4	0	0
30.	½ lb.	Potassium nitrate.	2	4	0
31.	½ lb.	Liquor Ammonia, Indian	0	13	0
32.	½ lb.	Sodium Chloride, Pure	0	12	0
33.	2 oz.	Iron Powder - Pure	0	8	0
34.	1 oz.	Copper filings.	0	8	0
35.	½ lb.	Zinc granulated.	1	4	0
36.	2 only	Spirit lamps, glass 4 oz. capacity	5	8	0
37.	1 bottle	Deputured spirit	1	8	0
38.	1 l'.	D.C.C. copper wire No.22 swg.	1	14	0
39.	¼ lb.	Iron filings fine	0	12	0
40.	2 only	Pipet es 10 c.c. Porcsil, [illegible] Indian	[illegible]		0 (.T.C.

41.	1 only	Measuring cylinders with spount, sigcol best Indian, capacity 100 c.c.	2	12	0
42.	½ lb.	Alum ammonium.	1	8	0
			92	0	0

/True copy/

RA/2.7.

8/7/61

Please
21.7.52.

Con 74473 F/52

110-111/9917

DF 1-4 Cf.

Education – Fisheries – Fisheries Middle School at Malpe in South Kanara Dt. – Purchase and supply of scientific apparatus – Expenditure – Sanctioned.

Read : from the D.F. No. 9192 C3/52 dt 1.7.52

Order No MS 3118 Dev dated 21/7/52

'M' or P 1 Cf.

Govt. of Madras Sanctions an expenditure not exceeding Rs 100 (Rupees one hundred only) for the purchase and supply of Scientific apparatus required for the Fisheries Middle School, Malpe in South Kanara District.

2. The expenditure should be debited to "43 Industries and Supplies – e – Fisheries – I. General – R – Fisheries Schools".

AB 7.7.52 Cc 8.7.52

CW 8752

To the D.A.

To the Actg. Fin. Financial Adviser

Dfm 24.7.52 Cf. DF 1-4 Cf. P5-6 (L)

Or:- Please see the letter from the D.F. in PP 1.4 Cf. On G.O. Ms. No. 522 Dev dt 2.2.51, the Fisheries School, Malpe was converted into a Middle School. The D.F. has stated that no Scientific Apparatus has been sanctioned since its conversion and the School was managing with the equipments of the former Higher Ele School. In the circumstances explained by the D.F a draft order is put up for approval. Finance may see for acceptance

AB 7.7.52 Cc 8.7.52

CW 8752

Fin

Fin (Exps B)

Qus no. 74473 F/52-1

May be accepted.

8/7/52

9 JUL 1952 50728 FINANCE DEPARTMENT

12.7.52 HS

16/7/52 Dev.

MO 50728/52 dt 16.7.52

8/81340 F/52 14.7.52

18/7/52

THIRD ASST. SECRETARY TO GOVERNMENT 18 JUL 1952 DEVELOPMENT DEPARTMENT

2

Qus(P)

2

20 AS

Finance note is on P1 above and draft order
awaiting may now

R 18/7/52 Qe 18.7.52

18.7.52

[illegible] 19.7.52

[Issued as Gen. MS. 3118 Qus dt 24/7/52].